



# UNITED STATES NAVY *Medical News Letter*

Vice Admiral Robert B. Brown MC USN  
Surgeon General

Rear Admiral R. O. Canada MC USN  
Deputy Surgeon General

Captain W. F. Pierce MC USN (Ret), Editor  
William A. Kline, Managing Editor

## *I N D E X*

Volume 46, Numbers 1-12  
9 July 1965 through 17 December 1965



- ABDOMINAL neoplasms 1:21  
 Academic achievement, MSC 2:25  
 Academy, U.S. Naval, admission to, medical examination for 1:18  
 Accident  
     aircraft, fatal, human factors in 8:25  
     industrial, new type of 6:22  
 Accreditation, and inspection, laboratory 6:14  
 Adiposity 8:24  
 Aeromedical team, CNO, visit Vietnam 12:21  
 Aircraft, naval, emergency breathing oxygen system for 8:21  
 Air pollution 6:21  
 Alcoholism, in industry 2:19  
 Amalgams, dental, packing pressure on, effect of 8:15  
 Amphibian vehicle, LVTP5A1 4:13  
 Anemia, secondary to penicillin treatment 6:18  
 Anesthesia, local, in dentistry 12:16  
 Antarctica, medicine in the 4:3  
 Appointment system, effective 4:18  
 Asthma  
     increase in, among Negroes 1:25  
     New Orleans 1:24  
 Astronaut, scientist 4:19  
 Aurelius, George M., HN, receives Combat "V" 11:29  
 Aviation medicine  
     Aircrew Physiological Protective Equipment Meeting 12:22  
     aircrewmembers, open & closed rebreathing system for 8:21  
     Ejection Occurrences & Related Fatalities 4:22  
     Full Pressure Suit 4:25  
     Naval Aviation Speech Discrimination Test 12:23  
     Spacecraft flight 4:22  
     U.S. Naval School of, dedication of 4:20  
 Aviator oxygen helmet 4:20  
 Award  
     cash, military personnel 10:28  
     Henry A. Imus, first recipient of 12:23  
 BABY, not just another 11:26  
 Barbarin, Lloyd J. HM1, USN, receives Navy Commendation Medal 4:28  
 Beds, hospital, local repair of 5:24  
 Birth control  
     Oral Contraceptives 8:14  
 Bladder, stripped, relines itself 6:1  
 Blood  
     pumped through liver of pig 2:12  
     replacement of 11:28  
 Blood flow sensor, development of 12:13  
 Bone cutting, high speed, effect of, without use of water coolant 7:15  
 Botulism 6:20  
     surveillance of 9:22  
 Boutonneuse fever 11:20  
 Burns, buffered saline in 4:1  
 CALCIFIED tissues, afterglow process of, kinetics of, at 89° Kelvin 5:14  
 Cancer  
     of colon and rectum 6:13  
     lung 5:12  
     Stripped Bladder Relines Itself 6:1  
 Carcinoma  
     colon, roentgenologic exam in 10:15  
     gastric, recurrent, 17-year survival after removal of 5:4  
     lip, diagnosis and treatment 1:11  
 Career, development program, for hospital corpsmen and dental technicians 6:27  
 Caries  
     dental, in commissarymen 3:13  
     resistance of, in naval recruits 6:15  
 Carious lesion, incipient 6:15  
 Cavities, and prolonged bottle feeding 8:16  
 Cavity drying, pulp response to, in rat teeth 11:15  
 Cephalothin, in cystoscopy 12:10  
 Chagas Disease, vaccination against 1:25  
 Children, cutaneous hemangiomas in 10:7  
 Chloramphenicol, prophylaxis against toxicity 1:22  
 Chloromycetin  
     hazards of 8:14  
     hematologic toxicity of 3:9  
 Cholera, occurrence of, in Iran 6:17  
 Christmas message, from Chief, Dental Division 12:15  
 Ciguatera poisoning 11:21  
 Cold, disturbances due to 7:3  
 Collagen, third class protein, suggestion that 11:16  
 Congestive heart failure, diuretics & electrolyte abnormalities in 3:4  
 Contraceptives, oral 8:14  
 Corticosteroids  
     and cataracts 7:13  
     hazards of 3:11  
 Coyle, Norma Rita, LCDR NC USNR, receives Federal Nursing Service Award 12:25  
 Cushing's syndrome, due to adrenocortical tumor 10:8  
 Cystic fibrosis, with fecal retention 6:4  
 Cystoscopy, cephalothin in 12:10  
 Cysts, jaw, treatment of 11:16  
 DDVP formulations 3:22  
 Deafness, hereditary, in man 3:10  
 Deaths, excess, linked to air pollution 6:22  
 Dental anomalies, and low birth weights 8:15  
 Dental Corps, U.S. Naval  
     aid Vietnamese 8:17  
     anniversary messages to 3:12  
     officers graduate 3:17

NOTE: Figures indicate the number of issue and page in Volume 46 of the News Letter. For example, Abdominal neoplasms 1:21 indicates that this item may be found in Vol. 46, No. 1, Page 21.



## Dental Corps, U.S. Naval (cont'd.)

officer promotions 9:17

officer retirements 9:17

Dental items, newly standardized 11:18

## Dental materials

Linear Stability of Elastic Impression Materials 4:16

Dental pulp, hemogram 10:17

Dental School, U.S. Naval, change of command 5:16

Dental technicians, graduation of 3:18

## Dental techniques

full crown procedures 1:10

placement of circum-zygomatic wires 2:16

Dentist, legal responsibility of 5:16

## Dentistry

Apically Repositioned Flap 4:15

ceramco, eighteen months with 12:17

intrapulpal pressure, measurement of 1:10

ultrasonic scaling and hand planing, tissue response to 12:16

Dentures, adhesive powders for 8:16

Dermatitis, straw itch mite 1:24

## Diabetes

drug-induced 9:11

nephropathy of, and papillary necrosis 7:8

and periodontal disease 2:15

testing for 10:15

Didrex, clinical trials of 2:13

## Diets

crash, hazards of 8:23

ketogenic, effect of, in obesity 5:7

## Digestive disease

Diagnosis and Treatment of Whipple's Disease 11:9

## Directives

BuMed Notice 6230. Occurrence of Cholera in Iran 6:17

6250. Two-week ACDUTRA for Inactive Duty MSC Entomologists 1:21

## Drugs

psychotherapeutic, use of 9:6

psychotropic, uses and abuses of 12:8

EDEMA, retinal 11:11

Education, medical, the Director of 1:6

Ejection, occurrences, and related fatalities 4:22

Electrolytes, abnormalities, in congestive heart failure 3:4

Embolism, pulmonary, treatment of 11:2

Enamel, luminescence of 9:14

## Encephalitis

surveillance 9:19

viral, arthropod-borne 7:24, 9:23

Environmental hazards, control of 5:18

Epilepsy, new center for 2:13

## Examinations

medical, admission, to U.S. Naval Academy 1:18

physical, submarine, problems in 7:10

pre-employment, of health workers 2:23

## Eye

care of, within naval industrial establishment 7:17

the red eye 9:8

FAA Medical Certification 4:21

Fasting, effect of, in obesity 5:7

Fecal retention, cystic fibrosis with 6:4

Film, on heart research 2:27

Flashblindness, first trainer delivered 4:25

## Fleas

continuing problem 11:23

human, as vectors of plague 9:21

Fluoride, determination of, in parotid saliva 9:14

## Food poisoning

Botulism 6:20

Fracture, complex closed 1:9

Furr, Paul A. LTJG, MSC USN, first aviation physiologist to become qualified as test parachutist 12:24

GAS gangrene, and hyperbaric oxygen treatment 2:11

Gastric carcinoma, recurrent, 17-year survival after removal of 5:4

Gastroenteritis, in Riverside, Calif. 3:24

Gastrointestinal hemorrhage, from undetermined source, surgical management of 3:1

Glucose, excretion of, in thermal sweat 3:9

Gout, and hyperuricaemia, natural history of 4:14

Graybiel, Ashton CAPT MC USN, a man of science 4:21

HALL, Nelson E. HM1 USN, receives Commendation for Achievement 5:28

## Hazards

barium enema 7:14

environmental 5:18

ether peroxides 11:27

motor bikes 9:28

mustard 9:13

naphthalene, use of 7:22

refrigerator entrapment 7:28

self-medication 4:29

to Flier 8:25

Health workers, safety of 2:23

## Hearing

ability of servicemen 8:22

Hereditary Deafness in Man 3:10

## Heart disease

and blood pressure, national survey of, in Japan 2:3

treatment of, use of potassium in 6:5

Heat stress, in military operations 8:6

Helmet, oxygen, aviator 4:20

Hemangiomas, skin, in children 10:7

Hemorrhage, gastrointestinal, of obscure origin 3:1

Hemorrhagic shock, buffered saline in 1:1, 4:1

Heparin 7:13

Hepatitis, serum, fatality in 8:8

Hogan, B. W. RADM MC USN (Ret), receives honor 2:14

Hospital administration, class of, graduation of 2:14

Hospital beds, local repair of 5:24

Hyperbaric oxygen treatment, use of, on patient with gas gangrene 2:11

Hyperpyrexia, near-fatal 9:13

Hyperuricaemia, and gout, natural history of 4:14

## INDUSTRY

problem drinker in, detection and rehabilitation of 2:19

processes and products 5:20

Infections, synergistic 9:14

Injections

emergency site of 4:15

unintentional IV, of penicillin 6:16

Injuries

and wounds, types of 8:2

cold weather 7:3

inferior vena cava, management of 12:2

Injury

Complex Closed Fracture 1:9

terminal mechanisms after 10:1

In Memoriam 6:29

Insect control, approaches to 3:22

Intrapulpal pressure, human, measurement of 1:10

Iodine 131, radioactive, in milk 2:26

JACK, Mullie F., Mrs., receives Navy Meritorious Civilian Service Award 10:28

Japan, blood pressure and heart disease, national survey of 2:3

Jaws, cysts of, treatment of 11:16

KARSNER, Howard T., Dr., awarded lifetime membership on Board of AFIP in Washington, D.C. 1:16

Keener, Mary F., CDR MSC USN, selected for grade of Captain 12:21

Kelly, Robert J., LT MC USN, graduates from Naval Test Pilot School 12:22

Kimeldorf, Donald J., Dr., acting head of BioMed at USNRDL 8:29

Know Your World 3:25, 6:24, 9:22, 11:24

LABORATORY, accreditation and inspection 6:14

Leadership, adjudicator or innovator 4:27

Legion of Merit, awarded to Dr. William J. Mills, Jr. 7:22

Leukemia

and Butazolidin 9:13

murine, studies on 10:14

treatment of, research on 4:12

Librium, hazards of 9:12

Lifeblood bank, in cold storage 12:14

Lip, carcinoma of the, diagnosis and treatment 1:11

McCONNELL, Donald J., HN, awarded Purple Heart Medal 12:26

MALARIA 6:18

Malnutrition, and infection 6:12

Mannitol 2:3

Mason, Redfield, RADM USN, remarks of, at intern graduation ceremony 9:26

Measles vaccine, available 12:28

Mechanical ventilation, prolonged 5:1

Meconium ileus equivalent, report of two cases 6:4

Medical care, cost of, AMA Commission on the 2:28

Medical education

continuing 5:12

the Director of 1:6

Medical officer, in Vietnam, problems of 7:1

Medical Service Corps

academic achievement 2:25

18th anniversary of 3:28

training 3:26

Medicare

doctor in, role of 12:14

physicians in 12:26

reimbursing costs under 11:28

reimbursing hospitals under 11:29

Medication, self 4:29

Menopause, estrogens during and after 4:12

Microbiology

trachoma agent, isolation of, in cell culture 6:9

Military, effectiveness of, heat stress in 8:6

Milker's Nodules 6:22

Missiles, wounds by, types of 8:2

Mongolia, health problems of 1:26

Mycoplasma, micro-organisms 6:14

NMRI, change of command 9:28

Naval recruits, caries resistant

caries activity tests in 7:14

parotid saliva amylase activity in 7:14

Neoplasms, abdominal 1:21

Nitrogen, liquid, neuropathy and 9:13

Nuclear excursion, accidental, and fatal radiation syndrome 4:4

Nurse Corps, U.S. Navy

director of, visits Newport, R.I. 10:28

first male nurse in 7:28

honored on 57th anniversary 1:14

men commence duty in 9:27

OB-GYN, American Board of 8:14, 7:13

Occupational health, programs in, the worth of 10:21

Occupational medicine

How Industry Insures That Its Processes and Products Are Safe 5:20

Operational medicine

refresher series in 6:25

Optometry, within naval industrial establishment 7:17

Organ transplantation, immunology of, research in the, committee for 3:11



- Orientation, perception of 4:21  
 Orofacial surgery, acrylate-amide foam in 12:16  
 Orthopedic drill, battery powered 11:13
- PACEMAKERS**, electronic, implantable 10:14  
 Pancreatitis, acute, diagnosis and management of 8:11  
 Papillary necrosis, emphasis on, and nephropathy of diabetes 7:8  
 Paralysis, of limbs, recovering use of 10:15  
 Parasitosis, delusory 3:25  
 Parotid saliva, in caries development 11:15  
 Patients, spiritual needs of 4:14  
 Penicillin  
   treatment with, anemia secondary to 6:18  
   unintentional IV injections of, reactions to 6:16  
 Periodontal disease, and diabetes mellitus 2:15  
 Periodontal health, of submarine school candidates 5:14  
 Periodontal therapy, and ultrasonics 5:15  
 Peroxides, ether 11:27  
 Phenothiazines, hazards of 11:14  
 Physical examinations  
   enlisted submarine, problems in 7:10  
   periodic, new evaluation of 10:21  
 Physical fitness, in ready reserve 10:13  
 Plague, vectors of, human fleas incriminated as 9:21  
 Pneumonia, institutional outbreak of 6:13  
 Poisoning, ciguatera 11:21  
 Poliomyelitis, paralytic, 1964 6:12  
 Pollution  
   acid stream 6:23  
   air 6:21  
     linked to excess deaths 6:22  
 Post-extraction, osseous repair of, in man 10:17  
 Potassium, use of, in treating heart disease 6:5  
 Potassium chloride, enteric coated, and small-intestine ulceration 5:10  
 Psychiatry, treatment of, drugs in 9:6  
 Psychotropic drugs, uses and abuses of 12:8  
 Publications  
   Manual of Preventive Medicine, Chapter I, revision of 6:12  
 Pulmonary embolism, treatment of 11:2  
 Pulp capping, indirect 3:13  
 Pulp conditions, differential diagnosis of 2:16  
 Pulp, human, protection of 8:16
- RADIATION** syndrome, fatal, from accidental nuclear excursion 4:4  
 Red Eye 9:8  
 Research reports, U.S. Naval Medical 5:12, 6:14, 8:14, 9:11, 11:14  
 Reserve, U.S. Naval  
   Administrative Disposition of Reservists Not Suitable for Military Service 2:25  
   Medical Unit Commended 4:25  
   physical fitness in the 10:13  
 Residencies, naval medical, to start earlier 10:16  
 Residencies, psychiatric, availability of 10:27, 11:25  
 Retinal edema, retinal vessels, retroillumination of 11:11  
 Rheumatic fever, changing pattern of 11:18  
 Rubella  
   exposure of, to pregnant women, and gamma-globulin prophylaxis 3:20  
   virus 1:23
- SALINE**, buffered, use of, in hemorrhagic shock 1:1, 4:1  
 Scientist astronaut 4:19  
 Seal, John R., CAPT MC USN (Ret) 9:18  
**SEALAB II**  
   Naval Medical Research Institute participating in 9:12  
   Navy's, first team selected for 5:29  
 Serum hepatitis, fatality in 8:8  
 Shepard, Maurice C. PhD, honored 5:29  
 Shock 10:1  
   hemorrhagic, use of buffered saline in 1:1  
 Small intestine, nonspecific ulcers of the 12:5  
 Smallpox, in USA 1:23  
 Snakes, of Taiwan 1:26  
 "Snow-Man" machine, evaluation of 3:22  
 Social Security Act, amendments of 1965, medical benefits of 9:28  
 Soviet hospitals, studied by American physicians 2:27  
 Space flight, mixed gases for use in 8:22  
 Space Race 8:29  
 Spacecraft flight, 34-day, simulated 4:22  
 Stains, various, comparison of 10:16  
 Stannous fluoride, in naval personnel 6:15  
 Streptococcal disease, epidemiology of 11:18  
 Subic Bay, station hospital, in interservice roll 9:27  
 Submarine medicine, graduate medical officer class 7:29  
 Sulfonyleureas, and hypothyroidism 12:14  
 Surgeon General  
   attends ceremony 10:1  
   Christmas message from 12:1  
   receives third star 11:1  
   representative of, visits Far East 6:12  
 Syphilis, serodiagnosis of 9:19
- TAPEWORM**, infection, in man 6:23  
 Teeth  
   diseases of, in 1578 11:16  
   incipient carious lesion 6:15  
 Tetracyclines 6:13  
   deteriorated, nephrotoxicity of 2:15  
 Thailand, medical educator from, visits U.S. Naval Medical School 12:25  
 Ticks 11:22  
 Tidwell, Dorothy, CDR NC USN, receives Nursing Education Award 4:27  
 Tochilin, Eugene, receives Superior Civilian Service Award 1:15

Tongue, ventral surface of, as emergency site of injection 4:15

Trachoma agent, isolation of, in cell culture 6:9

#### Training

##### courses

changes in Army PG courses 2:25

Chemical, Biological & Radiological Weapons 1:14, 7:28

data processing & applied statistical methods 8:27

Dependents' Medical Care 8:29

Medical Aspects of Advanced Warfare 1:14

nuclear science 7:27

Radioisotope Techniques & Nuclear Medicine 2:25

Space & Astronautics Orientation 12:25

submarine medicine indoctrination 1:15

MSC 3:26

##### meetings & conventions

Amer Society of Anesthesiologists 7:27

Assn of Military Surgeons 7:22

Veterans Administration 11:14

Operational Medicine Refresher Series 6:25

program, career development, for hospital corpsmen and dental technicians 6:27

##### seminar

Armed Forces, on Ob-Gyn 6:29

Armed Forces Orthopedic Seminar 3:28

Prophylaxis Against Streptococcal Infections 5:10

surgical & orthopedic aspects of trauma 12:28

##### symposium

current surgical practices 11:14

Trauma, What's new in 9:28

Triage, in wound management 9:1

Tuberculosis, drug-resistant, chemotherapy of 5:9

#### Tumors

adrenocortical, and Cushing's syndrome 10:8

skin, metastasis of 3:10

Tyan, Marvin L., Dr., receives Superior Civilian Service Award 1:15

ULCERATION, small-intestine, and enteric coated potassium chloride 5:10

Ulcers, nonspecific, of small intestine 12:5

Ultrasonics, and periodontal therapy 5:15

Ultrasonic energy, used for bonding 4:16

#### Urology

Stripped Bladder Relines Itself 6:1

#### U.S. Naval Hospital

Great Lakes—junior volunteer program authorized 8:28

Yokosuka—accreditation survey of 1:22

Special Consultant visits 1:21

VACCINATION, against Chagas Disease 1:25

Vena cava, inferior, injuries to, management of 12:2

Ventilation, mechanical, prolonged 5:1

#### Vietnam

joint action in 12:27

problems in, medical 7:1

#### Vietnamese

aided by U.S. Navy Dental Corps 8:17

civilians, caring for 12:28

Viral encephalitis, arthropod-borne 7:24

WEED control, in Florida canals 1:27

Welch, Norman A. MD, Memorial Award 5:29

Whipple's disease, diagnosis and treatment of 11:9

WHO, World Health Assembly 3:20

#### Wounds

management of, considerations in 9:1

missile, types of 8:2

XANTHELASMA 7:15

## DEPARTMENT OF THE NAVY

BUREAU OF MEDICINE AND SURGERY  
WASHINGTON, D. C. 20390

## OFFICIAL BUSINESS

PERMIT NO. 1048

POSTAGE AND FEES PAID  
NAVY DEPARTMENT